

OHIO PUBLIC WORKS COMMISSION

65 East State Street, Suite 312
Columbus, Ohio 43215
(614) 466-0880

APPLICATION FOR FINANCIAL ASSISTANCE

Revised 6/90

CB725

IMPORTANT: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

APPLICANT NAME Metropolitan Sewer District of Greater Cincinnati
STREET 1600 Gest Street

CITY/ZIP Cincinnati, OH 45204

PROJECT NAME Sewer System Improvements
PROJECT TYPE Repair and replacement
TOTAL COST \$1,898,110.90

DISTRICT NUMBER 2
COUNTY HAMILTON

PROJECT LOCATION ZIP CODE 45204

DISTRICT FUNDING RECOMMENDATION

To be completed by the District Committee ONLY

RECOMMENDED AMOUNT OF FUNDING: \$1,898,110.90

FUNDING SOURCE (Check Only One):

State Issue 2 District Allocation

☐ Grant ☐ State Issue 2 Small Government Fund
☐ Loan ☐ State Issue 2 Emergency Funds
☒ Loan Assistance ☐ Local Transportation Improvement Fund

FOR OPWC USE ONLY

OPWC PROJECT NUMBER: _____ OPWC FUNDING AMOUNT: \$ _____

1.0 APPLICANT INFORMATION

1.1 CHIEF EXECUTIVE
OFFICER
TITLE
STREET

Mr. David J. Krings
Hamilton County Administrator
County Administration Building Room 603
Cincinnati, Ohio 45202

CITY/ZIP
PHONE
FAX

(513) 632 - 8225
(513) 632 - 5797

1.2 CHIEF FINANCIAL
OFFICER
TITLE
STREET

Mr. Raymond J. Fern
Director of Budget and Research
County Administration Building Room 607
Cincinnati, Ohio 45202

CITY/ZIP
PHONE
FAX

(513) 632 - 8888
(513) 632 - 5797

1.3 PROJECT MGR
TITLE
STREET

Mr. Thomas J. Quinn
Director MSDGC
1600 Gest Street
Cincinnati, Ohio 45204

CITY/ZIP
PHONE
FAX

(513) 244 - 5121
(513) 244 - 1399

1.4 PROJECT CONTACT
TITLE
STREET

Mr. Al Landis
Comptroller, MSDGC
1600 Gest Street
Cincinnati, Ohio 45204

CITY/ZIP
PHONE
FAX

(513) 244 - 1322
(513) 244 - 1399

1.5 DISTRICT LIAISON
TITLE
STREET

Mr. Joseph D. Cottrill
Design Technician II
700 County Administration Building
138 East Court Street

CITY/ZIP
PHONE
FAX

Cincinnati, Ohio 45202
(513) 632 - 8540
(513) -

2.0 PROJECT INFORMATION

IMPORTANT: If project is multi-jurisdictional in nature, information must be consolidated for completion of this section.

- 2.1 **PROJECT NAME:** Credit Enhancement Program for Metropolitan Sewer District of Greater Cincinnati
- 2.2 **BRIEF PROJECT DESCRIPTION - (Sections A through D):**
- A. SPECIFIC LOCATION:** Credit enhancement to be used for wastewater improvement projects located throughout Hamilton County and the greater Cincinnati area. Specific locations are identified in the 5 year CIP for 1993

B. PROJECT COMPONENTS: Projects are rehabilitation/repair of existing infrastructure including repairing WWTP and collection system facilities under the jurisdiction of MSDGC.

C. PHYSICAL DIMENSIONS/CHARACTERISTICS: The projects follow the characteristics outlined in the 5 year CIP and 2 year maintenance of effort for projects in 1993 and include repairs to existing collection system and treatment facilities of MSD.

D. DESIGN SERVICE CAPACITY:

IMPORTANT: Detail shall be included regarding current service capacity vs proposed service level. If road or bridge project, include ADT. If water or wastewater project, include current residential rates based on monthly usage of 7,756 gallons per household.

Based on monthly rate 7,756 gallons/month

$$\frac{7,756 \text{ gallons}}{\text{month}} \times \frac{\text{cuft}}{7.48 \text{ gal}} = 1,037 \text{ cuft /month}$$

500 cuft \$14.00 flat rate

$$1,037 - 500 \text{ cuft} = \frac{537 \text{ cuft}}{100 \text{ cuft}} \times \$ 1.48 = \$7.95$$

Total monthly rate = \$21.95

Daily average wastewater flows of MSDGC equal 170 MGD. Improvements to MSDGC's sanitary sewer system and facilities must be made in order to comply with the Environmental Protection Agency's law regarding CSO's into the surrounding watershed and other compliance issues facing MSDGC.

2.3 **REQUIRED SUPPORTING DOCUMENTATION**

(Photographs/Additional Description; Capital Improvements Report; Priority List; 5-year Plan; 2-year Maintenance of Effort report, etc.) Also discuss the number of temporary and/or fulltime jobs which are likely to be created as a result of this project. Attach Pages. Refer to accompanying Instructions for further detail.

3.0 PROJECT FINANCIAL INFORMATION

3.1 PROJECT ESTIMATED COSTS (Round to Nearest Dollar):

a)	Project Engineering Costs:	
	1. Preliminary Engineering	\$ N/A
	2. Final Design	\$ N/A
	3. Construction Supervision	\$ N/A
b)	Acquisition Expenses	
	1. Land	\$ N/A
	2. Right-of-Way	\$ N/A
c)	Construction Costs	\$
d)	Equipment Costs	\$ N/A
e)	Other Direct Expenses	\$1,898,110.90
f)	Contingencies	\$
g)	TOTAL ESTIMATED COSTS	\$1,898,110.90

3.2 PROJECT FINANCIAL RESOURCES (Round to nearest Dollar & %)

	Dollars	%
a)	Local In-Kind Contributions*	\$ N/A
b)	Local Public Revenues	\$ N/A
c)	Local Private Revenues	\$ N/A
d)	Other Public Revenues	
	1. ODOT	\$ N/A
	2. FMHA	\$ N/A
	3. OEPA	\$ N/A
	4. OWDA	\$ N/A
	5. CDBG	\$ N/A
	6. Other	\$ N/A
e)	OPWC Funds	
	1. Grant	\$
	2. Loan	\$
	3. Loan Assistance	\$1,898,110.90
f)	TOTAL FINANCIAL RESOURCES	\$1,898,110.90

NOTE: Bond Insurance Premium = \$829,128.40
Const. Interest + 1 Yr.= \$1,068,982.50

*If the required local match is to be 100% In-Kind Contributions, list source of funds to be used for retainage purposes.

3.3 AVAILABILITY OF LOCAL FUNDS

Indicate the status of all local share funding sources listed in section 3.2(a) through 3.4(c). In addition, if funds are coming from sources listed in section 3.2(d), the following information must be attached to this application:

- 1) The date the funds are available;
- 2) Verification of funds in the form of an agency approval letter or agency project number. Please include the name and number of the agency contact person.

3.4 PREPAID ITEMS

Definitions:

Cost - Total cost of the Prepaid Item.
Cost Item - Non-construction costs, including preliminary engineering, final design, acquisition expenses (land or R/W)
Prepaid - Cost items (non-construction costs directly related to the project paid prior to receipt of fully executed Project Agreement from OPWC.
Resource Category Source of funds (see section 3.2)
Verification - Invoice(s) and copies of warrant(s) used to for prepaid costs accompanied by Project Manager's Certification (see section 1.4).

IMPORTANT: Verification of all prepaid items shall be attached to this project application.

	<u>COST ITEM</u>	<u>RESOURCE CATEGORY</u>	<u>COST</u>
1)	_____	_____	_____
2)	_____	_____	_____
TOTAL OF PREPAID ITEMS =			\$ <u>N/A</u>

3.5 REPAIR/REPLACEMENT or NEW/EXPANSION

This sections need only be completed if the Project is funded by SI2 funds.

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	<u>\$1,898,110.90</u>	<u>100%</u>
State Issue 2 Funds for Repair/Replacement (Not to exceed 90%)	<u>\$1,898,110.90</u>	<u>100%</u>
TOTAL PORTION FOR PROJECT NEW/EXPANSION	<u>\$ 0.00</u>	<u>0%</u>
State Issue 2 Funds for New/Expansion (Not to exceed 50%)	<u>\$ 0.00</u>	<u>0%</u>

4.0 PROJECT SCHEDULE

	ESTIMATED START DATE	ESTIMATED COMPLETE DATE
4.1 ENGR. DESIGN	<u>01/01/93</u>	<u>04/01/93</u>
4.2 BID PROCESS	<u>01/14/93</u>	<u>06/14/93</u>
4.3 CONSTRUCTION	<u>06/21/93</u>	<u>12/31/93</u>

5.0 APPLICANT CERTIFICATION

The Applicant Certifies That:

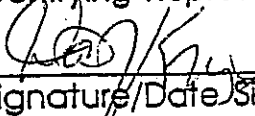
As the official representative of the Applicant, the undersigned certifies that: (1) he/she is legally empowered to represent the applicant in both requesting and accepting financial assistance as provided under Chapter 164 of the Ohio Revised Code and 164-1 of the Ohio Administrative Code; (2) that to the best of his/her knowledge and belief, all representations that are a part of this application are true and correct; (3) that all official documents and commitments of the applicant that are a part of this application have been duly authorized by the governing body of the Applicant; (4) and, should the requested financial assistance be provided, that in the execution of this project, the Applicant will comply with all assurances required by Ohio law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT: Applicant certifies that physical construction on the project as defined in this application has not begun, and will not begin, until a Project Agreement on this project has been issued by the Ohio Public Works Commission. Action to the contrary is evidence that OPWC funds are not necessary to complete this project.

IMPORTANT: In the event of a project cost overrun, applicant understands that the identified local match share (sections 3.2(a) through 3.2(c)) will be paid in full toward completion of this project. Unneeded OPWC funds will be returned to the funding source from which the project was financed.

Mr. David J. Krings, Hamilton County Administrator

Certifying Representative (Type Name and Title)


Signature/Date Signed

June 9, 1993

Applicant shall check each of the statements below, confirming that all required information is included in this application:

<u>X</u>		A five-year Capital Improvements Report as required in 164-1-31 of the Ohio Administrative Code and a <u>two-year Maintenance of Local Effort Report</u> as required in 164-1-12 of the Ohio Administrative Code.
<u>N/A</u>		A registered professional engineer's estimate of useful life as required in 164-1-13 of the Ohio Administrative Code. Estimate shall contain engineer's <u>original seal and signature</u> .
<u>N/A</u>		A registered professional engineer's estimate of cost as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimate shall contain engineer's <u>original seal and signature</u> .
<u>X</u>		A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and to execute contracts.
<u>N/A</u>	YES N/A	A copy of the cooperation agreement(s) (for projects involving more than one subdivision or district).
<u>N/A</u>	YES N/A	Copies of all invoices and warrants for those items identified as "pre-paid" in section 4.4 of this application.

6.0 DISTRICT COMMITTEE CERTIFICATION

The District Integrating Committee for District Number 2 Certifies That:

As the official representative of the District Public Works Integrating Committee, the undersigned hereby certifies: that this application for financial assistance as provided under Chapter 164 of the Ohio Revised Code has been duly selected by the appropriate body of the District Public Works Integrating Committee; that the project's selection was based entirely on an objective, District-oriented set of project evaluation criteria and selection methodology that are fully reflective of and in conformance with Ohio Revised Code Sections 164.05, 164.06, and 164.14, and Chapter 164-1 of the Ohio Administrative Code; and that the amount of financial assistance hereby recommended has been prudently derived in consideration of all other financial resources available to the project. As evidence of the District's due consideration of required project evaluation criteria, the results of this project's ratings under such criteria are attached to this application.

William W. Brayshaw, Chairman, District 2 Integrating Committee
Certifying Representative (Type Name and Title)

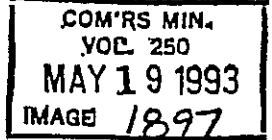
William W. Brayshaw
Signature/Date Signed

Rakitz

City of Cincinnati



AI
Gerald E. Newfarmer
City Manager



Office of the City Manager

Room 152, City Hall
801 Plum Street
Cincinnati, Ohio 45202
Phone (513) 352-3241

5
May 12, 1993

Honorable Board of County Commissioners
Hamilton County, Ohio
% Mr. David J. Krings
Hamilton County Administrator
County Administration Building, Room 603
Cincinnati, OH 45202

Subject: Metropolitan Sewer District
Application to Ohio Public Works Commission
District No. 2 for Issue 2 Credit
Enhancement Program Grant

Enclosed is a resolution authorizing the County Administrator to apply to Ohio Public Works Commission District No. 2 for the Issue 2 Credit Enhancement funds. This resolution will enable the County Administrator to take any actions relevant to submitting applications and agreements which have been determined to be economically advantageous to the County.

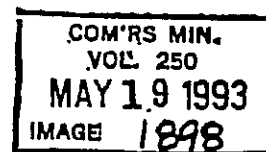
Recommended:

Thomas J. Quinn, P.E.
Director, M.S.D.

Approved:

F. A. Dawson
Acting City Manager

On motion of Mr. Guckenbeger, the following resolution was adopted...



The Board of County Commissioners of Hamilton County, Ohio met in regular session on the 19th day of May, 1993, with the following members present:

Mr. Chabot

Mr. Dowlin

Mr. Guckenberger

RESOLUTION

AUTHORIZING THE COUNTY ADMINISTRATOR TO APPLY
FOR ISSUE 2 CREDIT ENHANCEMENT PROGRAM GRANT FOR THE
THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI

WHEREAS, Issue 2 Credit Enhancement Program Grant funds may be available from the Ohio Public Works Commission for bond insurance and/or interest payments for the Metropolitan Sewer District, and

WHEREAS, it may be advantageous for the County to apply to District No. 2 for Issue 2 Credit Enhancement Program Grant Funds, and

WHEREAS, a single Resolution by this Board will suffice to authorize the Hamilton County Administrator to make any application and execute any contract, deemed economically advantageous by the County.

NOW, THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of Hamilton County, Ohio, that the Hamilton County Administrator be and he hereby is authorized to make application to the Ohio Public Works Commission District No. 2 for Issue 2 Credit Enhancement Program Grant funds.

BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 19th day of May, 1993.

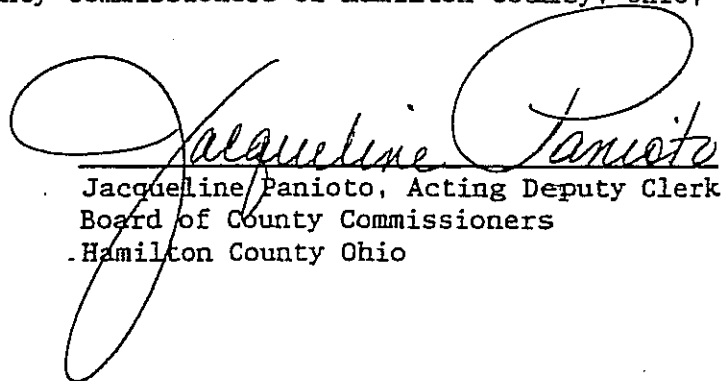
Mr. Chabot AYE Mr. Dowlin AYE Mr. Guckenberger AYE



CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of resolutions adopted by the Board of County Commissioners in session the 19th day of May, 1993.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the Board of County Commissioners of Hamilton County, Ohio, this 19th day of May, 1993.


Jacqueline Panioto, Acting Deputy Clerk
Board of County Commissioners
Hamilton County Ohio

STAR BANK

June 3, 1993

Mr. Alan P. Landis, Comptroller
Metropolitan Sewer District
1600 Gest Street
Cincinnati, Ohio 45204

Re: \$ 171,790,000 Hamilton County, Ohio Sewer
System Improvement and Refunding Revenue
Bonds, 1993 Series A (The Metropolitan Sewer
District of Greater Cincinnati)

Dear Al:

Please accept this as confirmation that Bond proceeds in the amount of \$ 829,128.34 were wire transferred to Financial Guaranty Insurance Company on May 4, 1993, pursuant to the Letter of Instruction dated May 4, 1993 from the County of Hamilton, Ohio to Star Bank, N.A., as Trustee. This amount represents the cost of the bond insurance premium for the 1993 Bonds referenced above.

Please feel free to contact me if you have any questions regarding this matter.

Very truly yours,



Mary F. Persinger
Senior Trust Officer
632-2089

Financial Guaranty Insurance
Company
115 Broadway
New York, NY 10006
212 312-3000
800 352-0001



A GE Capital Company

Municipal Bond New Issue Insurance Policy

Issuer: County of Hamilton, Ohio Policy Number: 93010301

Control Number: 0010001

Bonds: \$171,790,000 in principal Premium: \$829,128.34
amount of Sewer System Improvement
and Refunding Revenue Bonds, 1993 Series A
(The Metropolitan Sewer District of Greater Cincinnati)

Financial Guaranty Insurance Company ("Financial Guaranty"), a New York stock insurance company, in consideration of the payment of the premium and subject to the terms of this Policy, hereby unconditionally and irrevocably agrees to pay to Citibank, N.A., or its successor, as its agent (the "Fiscal Agent"), for the benefit of Bondholders, that portion of the principal and interest on the above-described debt obligations (the "Bonds") which shall become Due for Payment but shall be unpaid by reason of Nonpayment by the Issuer.

Financial Guaranty will make such payments to the Fiscal Agent on the date such principal or interest becomes Due for Payment or on the Business Day next following the day on which Financial Guaranty shall have received Notice of Nonpayment, whichever is later. The Fiscal Agent will disburse to the Bondholder the face amount of principal and interest which is then Due for Payment but is unpaid by reason of Nonpayment by the Issuer but only upon receipt by the Fiscal Agent, in form reasonably satisfactory to it, of (i) evidence of the Bondholder's right to receive payment of the principal or interest Due for Payment and (ii) evidence, including any appropriate instruments of assignment, that all of the Bondholder's rights to payment of such principal or interest Due for Payment shall thereupon vest in Financial Guaranty. Upon such disbursement, Financial Guaranty shall become the owner of the Bond, appurtenant coupon or right to payment of principal or interest on such Bond and shall be fully subrogated to all of the Bondholder's rights thereunder, including the Bondholder's right to payment thereof.

This Policy is non-cancellable for any reason. The premium on this Policy is not refundable for any reason, including the payment of the Bonds prior to their maturity. This Policy does not insure against loss of any prepayment premium which may at any time be payable with respect to any Bond.

As used herein, the term "Bondholder" means, as to a particular Bond, the person other than the Issuer who, at the time of Nonpayment, is entitled under the terms of such Bond to payment thereof. "Due for Payment" means, when referring to the principal of a Bond, the stated maturity date thereof or the date on which the same shall have been duly called for mandatory sinking fund redemption and does not refer to any earlier date on which payment is due by reason of call for redemption (other than by mandatory sinking fund redemption), acceleration or other advancement of maturity and means, when referring to interest on a

Financial Guaranty Insurance
Company
115 Broadway
New York, NY 10006
212-312-3000
800-352-0001



A GE Capital Company

Municipal Bond New Issue Insurance Policy

Bond, the stated date for payment of interest. "Nonpayment" in respect of a Bond means the failure of the Issuer to have provided sufficient funds to the paying agent for payment in full of all principal and interest Due for Payment on such Bond. "Notice" means telephonic or telegraphic notice, subsequently confirmed in writing, or written notice by registered or certified mail, from a Bondholder or a paying agent for the Bonds to Financial Guaranty. "Business Day" means any day other than a Saturday, Sunday or a day on which the Fiscal Agent is authorized by law to remain closed.

In Witness Whereof, Financial Guaranty has caused this Policy to be affixed with its corporate seal and to be signed by its duly authorized officers in facsimile to become effective and binding upon Financial Guaranty by virtue of the countersignature of its duly authorized representative.

A handwritten signature in black ink, appearing to be "A. L. H.", with a long horizontal line extending to the right.

President

Effective Date: May 4, 1993

A handwritten signature in black ink, appearing to be "M. L.", with a long horizontal line extending to the right.

Authorized Representative

Citibank, N.A., acknowledges that it has agreed to perform the duties of Fiscal Agent under this Policy.

A handwritten signature in black ink, appearing to be "J. L.", with a long horizontal line extending to the right.

Authorized Officer

Financial Guaranty Insurance
Company
115 Broadway
New York, NY 10006
212 312-3000
800 352-0001



A GE Capital Company

Endorsement To Financial Guaranty Insurance Company Insurance Policy

Policy Number: 93010301

Control Number: 0010001

It is further understood that the term "Nonpayment" in respect of a Bond includes any payment of principal or interest made to a Bondholder by or on behalf of the issuer of such Bond which has been recovered from such Bondholder pursuant to the United States Bankruptcy Code by a trustee in bankruptcy in accordance with a final, nonappealable order of a court having competent jurisdiction.

In Witness Whereof, Financial Guaranty has caused this Endorsement to be affixed with its corporate seal and to be signed by its duly authorized officers in facsimile to become effective and binding upon Financial Guaranty by virtue of the countersignature of its duly authorized representative.

A handwritten signature in black ink, appearing to be "A. L. H.", written over a horizontal line.

President

Effective Date: May 4, 1993

A handwritten signature in black ink, appearing to be "J. L.", written over a horizontal line.

Authorized Representative

Acknowledged as of the Effective Date written above:

A handwritten signature in black ink, appearing to be "J. L.", written over a horizontal line.

Authorized Officer
Citibank, N.A., as Fiscal Agent

SCHEDULE A

SOURCES AND USES OF FUNDS

HAMILTON COUNTY, OHIO

Sources

1993 Series A Bonds, at par	\$ 171,790,000.00
Accrued interest from April 15, 1993 to May 4, 1993	<u>468,051.41</u>
TOTAL SOURCES	\$ <u>172,258,051.41</u>

Uses

Deposit of accrued interest to 1993 Series A Bond Fund	\$ 468,051.41
Deposits to Escrow Fund:	
Cash	\$ 5,447.22
For purchase of Acquired Obligations	<u>116,750,552.78</u>
Deposit to Reserve Fund	2,080,408.75
Projects	45,000,000.00
Original issue discount	5,504,035.00
Bond insurance premium	829,128.34
Underwriting discount	1,331,372.50
Cost of issuance	285,000.00
Contingency (rounding amount)	<u>4,055.41</u>
TOTAL USES	\$ <u>172,258,051.41</u>

Note: The above Sources and Uses of Funds is provided only as a convenience. The only amounts we have verified are (1) principal amount of the new bonds, (2) accrued interest on the new bonds, if any, (3) amount of original issue discount or premium, if any, and (4) the deposits to the Escrow Fund(s). All other amounts were provided to us and we have performed no procedures to substantiate them.

METROPOLITAN SEWER DISTRICT GREATER CINCINNATI

1993 CONSTRUCTION FUND

\$ 9,782,05.99

Construction Fund 1993

X 5.464%

Interest Rate

\$ 534,491.27

Interest Paid 1993

\$ 534,491.27

Construction Period Interest
plus one year)

\$1,068,982.50

OHIO PUBLIC WORKS COMMISSION

Capital Improvement Report

Summary Form

Subdivision MSDGC

Code

Date 06 / 04 / 93

Infrastructure Component	Repair Cost	Replacement Cost	Total (Units)	Units/Physical Condition			
				Excellent	Good	Fair	Unknown
Roads			Center Line Miles				
Bridges			Number of Bridges				
Cuverts			Number of Culverts				
Water Supply Systems			Number of Facilities				
Waster Distribution			Linear Feet (Thousands)				
Wastewater Systems	\$.75x10 ⁹	\$ 1.2651x10 ⁹	Number of Facilities 29 WWTP 129 Pump Stations 157 Facilities	6 WWTP	60 Lift Stations 7 WWTP	2 WWTP 33 Lift Stations	19 Lift Stations 14 WWTP 16 Lift Stations
Wastewater Collections	\$ 1.45x10 ⁹	\$ 2.8512x10 ⁹	Linear Feet (Thousands) 14,276.8	1,284.912	3,711.968	2,712.592	2,855.36
Stormwater Collection			Linear Feet (Thousands)				
Solid Waste Disposal			Capacity (tons per day)				
TOTALS	\$ 2.2x10 ⁹	\$ 4.1163x10 ⁹					
							142.768

Subdivision Socio-Economics Characteristics

CURRENT	1990			Census		Information	
Population	866,228		Population	866,228		% Low to Moderate Income	40.7
Total Households	338,881		Total Households	338,881		% Poverty	10.3%
% Unemployment	4.8% April 1993		Median Household Income	\$29,498		% Unemployment	4.0%

OHIO PUBLIC WORKS COMMISSION

Five Year Capital Improvement Plan/Maintenance of Effort

Subdivision Name: MSDGC - Hamilton County Code: _____

Date 06/04/93

Project Name/Description	Funding Code (s)	Status (A)ctive (C)omplete	Total Cost	Two Year Effort		Five Year Plan				
				1991	1992 Funded	1993	1994	1995 Planned	1996	1997
			.							

Cleves/Warsaw Rd. Sewers	Issue 2 Loan	Complete	103.710	103.710						
Shot Crete Sewer Rehab.	Sewer Fund	Complete	2,843.375	2,843.375						
Kugler Mill P.S. Upgrade	Sewer Fund	Complete	188.339	188.339						
S. Clippenger P. S. Upgrade	Sewer Fund	Complete	209.089	209.089						
Springview Meadows	Sewer Fund	Complete	244.800	244.800						
Myers Property Demo. Work	Sewer Fund	Complete	1,069	1,069						
McAplin Avenue	Sewer Fund	Complete	82	82						
Edmondson Road Sanitary Sewer	Sewer Fund	Complete	136.900	136.900						
N. C. H. Relief Sewer	Sewer Fund	Complete	8,230.569	8,230.569						
Weirs/Troughs Millcreek WWTP	Sewer Fund	Complete	1,983	1,983						
Race Road Sewer Rehab.	Sewer Fund	Complete	46,500	46,500						
Instituform for Rehab.	Sewer Fund	Complete	366.625	366.625						
Little Miami WWTP Upgrade	Sewer Fund	Complete	144	144						
Union Cemetery Sanitary Sewer	Sewer Fund	Complete	1,064.970	1,064.970						
WW Telemetering System	Sewer Fund	Complete	2,333.162	2,333.162						
MSD Environmental Laboratory	Sewer Fund	Complete	11,100		11,100					
Ross Avenue	Sewer Fund	Complete	187.506		187.506					
Merriway Lane Sewer	Sewer Fund	Complete	175.600		175.600					

* All cost are in the thousands.

OHIO PUBLIC WORKS COMMISSION

Five Year Capital Improvement Plan/Maintenance of Effort

Subdivision Name: MSDGC - Hamilton County Code: _____

Date 06/04/93

Project Name/Description	Funding Code (s)	Status (A)ctive (C)omplete	Total Cost	Two Year Effort		Five Year Plan				
				1991	1992 Funded	1993	1994	1995 Planned	1996	1997

Dance Court Sewer	Sewer Fund	Complete	168.041		168.041					
RD I/I Program	Sewer Fund	Active	12,000		11,000					
Addyston Wall Rehab.	Sewer Fund	Active	324.205			324.205				
Paxton Avenue Replacement	Sewer Fund	Active	117.196			117.196				
Shot Crete Rehab.	Sewer Fund	Active	338.855			338.855				
Wooster Pike, Phase I	Sewer Fund	Active	224.185			224.125				
Muddy Creek Inlet Gate	Sewer Fund	Active	138.185			138.185				
Muddy Creek WWTP Sludge Handling	Sewer Fund	Active	315.193			315.193				
Mill Creek CSO A	Sewer Fund	Active	2,859			2,859				
Mill Creek CSO B	Sewer Fund	Active	1,200			1,200				
Mill Creek CSO C	Sewer Fund	Active	3,771			3,771				
Trenchless Technology	Issue 2 Grant	Active	25,500			5,500				
E. OH Sew/C&O Sus Bridge	Sewer Fund	Active	292				292			
Mill Creek CSO D	Sewer Fund	Active	1,799			1,799				
Mill Creek CSO E	Sewer Fund	Active	1,508			1,508				
M.I. CR WWTP	Sewer Fund	Active	154					154		
Wooster Pike Area Sewers	Sewer Fund	Active	7,513			508	200	6,805		
Warner Street	Sewer Fund	Active	270			270				

* All cost are in the thousands.

OHIO PUBLIC WORKS COMMISSION

Five Year Capital Improvement Plan/Maintenance of Effort

Subdivision Name: MSDGC - Hamilton County Code: _____ Date 06/04/93

Project Name/Description	Funding Code (s)	Status (A)ctive (C)omplete	Total Cost	Two Year Effort		Five Year Plan				
				1991	1992 Funded	1993	1994	1995 Planned	1996	1997

Sanitary Sewer Overflow Elim.	Sewer Fund	Active	3,313			1,000	1,000	2,313		
Culpepper Court Sewer	Sewer Fund	Active	42			42				
Glenmore Ave. Sewer	Sewer Fund	Active	73				73			
Sycamore WWTP	Sewer Fund	Active	565				565			
Mariemont Outfall Sewer	Sewer Fund	Active	41			41				
Westminster Drive Sewer	Sewer Fund	Active	51			51				
Pleasant Run Force Main	Sewer Fund	Active	1,705				1,705			
Trenchless Technology	Issue 2 Grant	Active	25,500				5,000	5,000		
CSO Hw/DW Work Little Miami	Sewer Fund	Active	3,201				2,561	640		
CSO Hw/Dw Reg. Muddy Creek	Sewer Fund	Active	2,562				2,050	512		
Mill Creek Sewer Adams	Sewer Fund	Active	292			44	259			
Springfield to Winton Lake	Sewer Fund	Active	1,716			248		1,468		
North Bend Sewer	Sewer Fund	Active	283			41		242		
Dry Run Area Sanitary Sewers	Sewer Fund	Active	4,612			640	100	3,872		
Sharon Creek To Cor. Rd.	Sewer Fund	Active	503			76		427		
LS&TP Power Upgrade	Sewer Fund	Active	1,000			500	500			1,162
Mill Creek WWTP Chlorine	Sewer Fund	Active	1,022			1,022				
Mill Creek WWTP Digstr.	Sewer Fund	Active	100			100				

* All cost are in the thousands.

OHIO PUBLIC WORKS COMMISSION

Five Year Capital Improvement Plan/Maintenance of Effort

Subdivision Name: MSDGC - Hamilton County Code: _____ Date 06/04/93

Project Name/Description	Funding Code (s)	Status (A)Active (C)complete	Total Cost	Two Year Effort		Five Year Plan				
				1991	1992 Funded	1993	1994	1995 Planned	1996	1997

Spring to Rose Sewer	Sewer Fund	Active	403				72	331		
Muddy Creek WWTP Pumping Station	Sewer Fund	Active	217			217				
Mill Creek WWTP Teas. P.S. E.Q.	Sewer Fund	Active	70			70				
Mill Creek WWTP Digstr. Gas Stg.	Sewer Fund	Active	381			50	331			
Little Miami TP	Sewer Fund	Active	986			986				
Little Miami TP Grit System Study	Sewer Fund	Active	6,788			550	6,238			
Grand Avenue Relief Sewer	Sewer Fund	Active	155			22	133			
NCH Relief 2	Sewer Fund	Active	255			130	125			
Trenchless Technology	Issue 2 Grant	Active	25,500						5,000	
NCH Relief 3	Sewer Fund	Active	60						60	
Sewer 155 2	Sewer Fund	Active	309				59	125	125	
L.M. Interceptor Relief	Sewer Fund	Active	2,438				2,438			
Sewer 915 2	Sewer Fund	Active	5,767					5,767		
Sewer 915 3	Sewer Fund	Active	1,201					1,201		
Sewer 915A - 915 to Clover Rd.	Sewer Fund	Active	1,287				248	1,039		
Indian Creek Sewer	Sewer Fund	Active	2,296				2,296			
Cleves Force Main Replc.	Sewer Fund	Active	261				261			

* All cost are in the thousands.

OHIO PUBLIC WORKS COMMISSION

Five Year Capital Improvement Plan/Maintenance of Effort

Subdivision Name: MSDGC - Hamilton County Code: _____ Date 06/04/93

Project Name/Description	Funding Code (s)	Status (A)Active (C)omplete	Total Cost	Two Year Effort		Five Year Plan				
				1991	1992 Funded	1993	1994	1995 Planned	1996	* 1997

Camargo Rd. Sewer	Sewer Fund	Active	3,218				3,218			
Little Miami WWTP Incinerators	Sewer Fund	Active	4,710				4,710			
Little Miami WWTP Settling Tank	Sewer Fund	Active	2,206			2,206				
Fries 3rd Pump Station Upgrade	Sewer Fund	Active	197				197			
Stanberry Park Pump Station	Sewer Fund	Active	197				197			
Sycamore WWTP	Sewer Fund	Active	2,028					2,028		
Sewer Replacement	Sewer Fund	Active	1,278				1,278			
Rehab. Sewer	Sewer Fund	Active	7,438				7,438			
Rehab. of Sewer 1004	Sewer Fund	Active	1,824				1,824			
Muddy Creek WWTP	Sewer Fund	Active	200			200				
Daly Rd. CSO Storage	Sewer Fund	Active	2,961			2,961				
Trenchless Technology	Issue 2 Grant	Active	25,500							5,000
Mill Creek Conservancy Work	Sewer Fund	Active	1,014						500	514
System Rehab.	Sewer Fund	Active	3,613						3,613	
Wet Weather Flow Det.	Sewer Fund	Active	804						804	

* All cost are in the thousands.

Assuming compliance with certain covenants, in the opinion of Peck, Shaffer & Williams, Bond Counsel, under present laws, regulations, rulings and decisions, interest on the 1993 Bonds is excludable from gross income for federal income tax purposes, except for certain superfund branch profits and alternative minimum taxes imposed on certain corporations, and the 1993 Bonds, the transfer thereof, and the interest and other income therefrom, including any profit made on the sale thereof, are exempt from taxation in the State of Ohio. (For a more complete discussion and other tax aspects, see "TAX EXEMPTION" herein).

\$171,790,000
HAMILTON COUNTY, OHIO
Sewer System Improvement and Refunding Revenue Bonds
1993 Series A
 (The Metropolitan Sewer District of Greater Cincinnati)

DATED: April 15, 1993**DUE:** December 1, as shown below

The 1993 Series A Bonds (the "1993 Bonds") will be issued as fully registered bonds in the denomination of \$5,000 or any integral multiple thereof. The 1993 Bonds will bear interest, payable June 1 and December 1, commencing December 1, 1993. Principal and any redemption premium is payable to the registered owner upon presentation and surrender at the principal corporate trust office of the Trustee, Star Bank, N.A. Cincinnati. Interest will be payable by check or draft mailed by the Trustee to the person who is the registered owner as of the 15th day of the calendar month preceding the Interest Payment Date. At the written request of Holders of \$1,000,000 or more in principal amount of the 1993 Bonds, which written request must be received by the Trustee no later than the Regular Record Date, interest payments will be made by wire transfer by the Trustee to a bank or trust company designated by such Holder. The 1993 Bonds will be transferred at the principal corporate trust office of the Trustee, without cost except for any taxes or other governmental charges. The 1993 Bonds are subject to redemption as set forth herein.

The 1993 Bonds are being issued by the County of Hamilton, Ohio, for the purposes of providing funds for the purpose of (i) reimbursing the County for a portion of the cost of purchasing certain equipment, constructing certain improvements and making certain other capital expenditures, which costs have already been incurred by the County, (ii) providing funds for various new capital improvements projects, (iii) refunding a portion of the Prior Bonds, (iv) funding a portion of the Bond Reserve Requirement; and (v) paying a portion of the costs of issuance of the 1993 Bonds.

Payment of the principal of and interest on the Series 1993 Bonds when due will be guaranteed by a municipal bond insurance policy to be issued simultaneously with the delivery of the Series 1993 Bonds by

Financial Guaranty Insurance Company



Service mark used by Financial Guaranty Insurance Company, a private company not affiliated with any U.S. government agency.

The 1993 Bonds will be secured by a Trust Agreement dated as of October 1, 1985 between the County, the Trustee, and for certain limited purposes, the City of Cincinnati, Ohio securing the \$63,800,000 Hamilton County, Ohio Sewer System Revenue Bonds, 1985 Series A (the "1985 Bonds"), the \$85,020,000 Hamilton County, Ohio Sewer System Revenue Bonds, 1986 Series A (the "1986 Bonds") and the \$90,950,000 Hamilton County, Ohio Sewer System Improvement and Refunding Bonds, 1991 Series A, (the "1991 Bonds"), as supplemented by a First Supplemental Trust Agreement dated as of April 1, 1986, a Second Supplemental Trust Agreement dated as of December 1, 1986, a Third Supplemental Trust Agreement dated as of January 15, 1991, and a Fourth Supplemental Trust Agreement dated as of April 15, 1993, all among the same parties. The 1993 Bonds, the 1991 Bonds, the 1986 Bonds and the 1985 Bonds (other than the Refunded Bonds) are on a parity and will be equally and ratably secured by a pledge of the Net Revenues of the Sewer System of The Metropolitan Sewer District of Greater Cincinnati.

All capitalized terms used, but not defined, on this cover page or elsewhere in this Official Statement are used as defined in this Official Statement (See "DEFINITIONS") or in the Supplemental Trust Agreements.

THE 1993 BONDS ARE NOT GENERAL OBLIGATIONS, BUT ARE SPECIAL OBLIGATIONS OF THE COUNTY, PAYABLE SOLELY FROM THE NET REVENUES OF THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI, AND THE REVENUE FUND CREATED UNDER THE TRUST AGREEMENT, AND NEITHER THE GENERAL CREDIT NOR TAXING POWER OF THE COUNTY, THE CITY, OR OF THE STATE OF OHIO OR ANY POLITICAL SUBDIVISION THEREOF, IS PLEDGED TO PAYMENT OF THE PRINCIPAL OF, PREMIUM, IF ANY, NOR INTEREST ON THE 1993 BONDS.

\$82,290,000 Serial Bonds

Year	Amount	Interest Rate	Price or Yield	Year	Amount	Interest Rate	Price or Yield
1993	\$ 3,275,000	2.45%	100%	2003	\$ 2,565,000	5.10%	100%
1994	740,000	2.75	100	2004	2,695,000	5.15	100
1995	760,000	3.50	100	2005	2,830,000	5.20	100
1996	785,000	3.90	100	2006	10,465,000	5.30	100
1997	815,000	4.20	100	2007	11,025,000	5.35	100
1998	845,000	4.40	100	2008	11,615,000	5.40	100
1999	885,000	4.60	100	2009	12,240,000	5.45	100
2000	930,000	4.75	100	2010	12,905,000	5.60	100
2001	975,000	4.90	100	2011	3,500,000	5.50	5.60
2002	2,440,000	5.00	100				

\$34,000,000 5.00% Term Bonds due 2014 @ 92½%

\$55,500,000 5.25% Term Bonds due 2016 @ 94¾%

(Plus accrued interest from April 15, 1993.)

The 1993 Bonds are offered when, as and if issued and received by the Underwriters, subject to the approval of legality by Peck, Shaffer & Williams, Bond Counsel. Certain legal matters will be passed upon for the Underwriters by their counsel, Graydon, Head & Ritchey, Cincinnati, Ohio, for the County and MSD by their special counsel, Peck, Shaffer & Williams, and for MSD and the City of Cincinnati, by the City Solicitor. It is expected that delivery of the 1993 Bonds in definitive form will be made against payment therefor in New York, New York, on or about May 4, 1993. The Underwriters anticipate that the 1993 Bonds will be eligible for the services of the Depository Trust Company.

SEASONGOOD & MAYER
GRADISON **MERRILL LYNCH & Co.**
 Division of McDonald & Company Securities, Inc.
CONNERS & Co., Inc.

The date of this Official Statement is April 21, 1993 and the information contained herein speaks only as of that date.



**Metropolitan Sewer District
of
Greater Cincinnati**

Division of Planning and Program Management

**Capital Improvement Program
1993 - 1997**

County Staff Recommendation

Presented To:

Hamilton County Commissioners

John S. Dowlin Commissioner, President
Steven J. Chabot Commissioner
Guy Guckenberger Commissioner